

Claims

1. A folding bed with arms, comprising:

a bed body support, arms, and a bed plane, wherein said bed body support comprises a front support and a rear support, said front support includes a foot-rest rod, a front leg tube, a front support rod, a rear support rod, a connection rod, and a pair of front crossed rods, said rear support includes a seating frame rod, a back-rest rod, a middle crossed rod, and a rear crossed rod, a front end of said foot-rest rod is connected to said front support rod, one end of said rear support rod is connected to a middle portion of said foot-rest rod via a fixing connection element, the other end of said rear support rod is connected to a lower portion of said back-rest rod, one end of said connection rod is connected to said rear support rod, the other end of said connection rod is connected to said front support rod via a sliding sleeve, one end of said front crossed rod is connected to said rear support rod via a U-shaped hinging element and the other end of said front crossed rod is connected to said sliding sleeve, a rear end of said foot-rest rod is connected to said seating frame rod via a rotary connection element, said seating frame rod is hinged to said back-rest rod, one end of said middle crossed rod is connected to an arm support rod fixing element secured to the seating frame rod via a U-shaped hinging element, the other end of said middle crossed rod is connected to the lower portion of said back-rest rod, one end of said rear crossed rod is connected to an upper portion of said back-rest rod via a U-shaped connection element, and the other end of said rear crossed rod is connected to a lower portion of said seating frame rod via a U-shaped connection element.

2. The folding bed with arms according to claim 1, wherein said foot-rest rod, said front support rod, said rear support, and said connection rod form a quadrangular structure.

3. The folding bed with arms according to claim 1, wherein said arms are rigid arms or soft arms.

4. The folding bed with arms according to claim 3, wherein when the arms are rigid arms, said arm support rod is connected to an upper portion of said seating frame rod by means of an arm support rod fixing element, one end of each of said rigid arms is connected to the back-rest rod, and the other end of each of said rigid arms is connected to the arm support rod.

5. The folding bed with arms according to claim 3, wherein when the arms are soft arms, a soft arm connection element is disposed at an upper portion of said middle crossed rod.

6. The folding bed with arms according to claim 5, wherein each of said soft arms extends upward from the upper portion of said middle crossed rod and has a bent connection end.

7. The folding bed with arms according to claim 6, wherein one end of each of said soft arms is connected to said back-rest rod, and the other end of each of said soft arms is fixed to a connection end of said soft arm connection element.

8. The folding bed with arms according to claim 1, wherein said bed plane is fitted onto said bed body support, said foot-rest rod, said seating frame rod, and said back-rest rod.

9. The folding bed with arms according to claim 1, wherein said rotary connection element has an open rotary element and a socket rotary element, with one end of said socket rotary element being inserted into a notch of said open rotary element to accomplish a mutually rotary connection and the other end of said socket rotary element being provided with a connection end connected to said seating frame rod, and said open rotary element is provided with a foot-rest rod connection end which is connected to said foot-rest rod.

10. The folding bed with arms according to claim 1, wherein said arm support rod fixing element has a fixing element body provided with a seating frame rod connection hole, at least one arm support rod connection hole, and a U-shaped hinging hole, said U-shaped hinging hole and said seating frame rod connection hole being disposed on the fixing element body at right angles and being located at either a lower side or an upper side of said seating frame rod connection hole, and an arm support rod fixing groove is disposed at one side of said fixing element body.